

Classifier: RandomForest	Feature Selector: RandomForest	Feature Selector: boruta	Feature Selector: Lasso	Feature Selector: Univariate	VarianceT hreshold	Standards caler	Method/param
X	X	X	X	X	0.85	X	threshold
X	X	X	X	k_best	X	X	mode
X	X	X	X	[50, 100, 150, 200]	X	X	param
X	X	X	[0.01, 0.1, 1, 10]	X	X	X	C
X	X	X	[liblinear, saga]	X	X	X	solver
X	X	X	l1	X	X	X	penalty
X	X	[80, 90, 100]	X	X	X	X	perc
[100, 500, 1000]	[100, 150, 200, 250, 300, 350, 400, 450, 500]	[50, 100, 250, 500]	X	X	X	X	n_estimators
[3, 10, 20, 30, 40, 50]	[3, 10, 20, 30]	X	X	X	X	X	max_depth
[2, 5, 10]	[2, 5, 10]	X	X	X	X	X	min_samples_split
[1, 2, 4]	[1, 2, 4]	X	X	X	X	X	min_samples_leaf
X	[Tre, False]	X	X	X	X	X	bootstrap
[auto, sqrt]	X	X	X	X	X	X	max_features

Table 1. Default Parameters of Feature Selection Methods